

WHAT IS CLAIMED IS:

1. A color set for forming an ink jet image comprising:
at least two color inks, each ink comprising a carrier and a pigment;
wherein the Relative Gloss Variability (RGV) (Equation A) among inks is less
than 10% when 60° is used as the specular angle:

$$RGV(\%) = \frac{\sum_{I=1}^N |(Gloss(Imaged Area)_I - AG)|}{AG} \quad \text{Equation (A)}$$

Where

$$AG = \frac{\sum_{I=1}^N Gloss(Imaged Area)_I}{N}$$

I is a variable which identifies a certain color patch used in the evaluation,
N is the total number of color patches used in the evaluation

2. The color set of claim 1 wherein the gloss variability is less
than 7 %, when 60° is used as the specular angle.

3. The color set of claim 1 wherein the gloss variability is less
than 5 %, when 60° is used as the specular angle.

4. The color set of claim 1 wherein said at least two color inks are
selected from the group consisting of Cyan, Yellow, Magenta, Black, White,
Green, Violet and Orange.

5. The color set of claim 1 wherein said pigment comprises
particles less than 0.5 micron in size.

6. The color set of claim 1 wherein said pigment represents 0.1 to 10 weight % of the ink composition.

7. The color set of claim 4 wherein the yellow pigment is COLOR INDEX Pigment Yellow 155 or COLOR INDEX Pigment Yellow 74.

8. The color set of claim 4 wherein the cyan pigment is COLOR INDEX Pigment Blue 15:3 or bis(phthalocyanylalumino)tetraphenyldisiloxane.

9. The color set of claim 4 wherein the magenta pigment is COLOR INDEX Pigment Red 122.

10. The color set of claim 1 wherein said at least two color inks further comprise non-film forming particles.

11. The color set of claim 10 wherein the non-film forming particles range in size from 0.01 to 1 micron.

12. The color set of claim 10 wherein the non-film forming particles range in size from 0.03 to 0.5 micron.

13. The color set of claim 10 wherein the non-film forming particles are inorganic particles.

14. The color set of claim 13 wherein the inorganic particles comprise silica, alumina, titanium dioxide, zirconia and clay, calcium carbonate, barium sulfate, zinc oxide, or combinations thereof.

15. The color set of claim 13 wherein the inorganic particles comprise silica.

16. The color set of claim 10 wherein the said non-film forming particles are organic polymeric particles.

17. The color set of claim 16 wherein the organic polymeric particles comprise a polyurethane, a polyacrylic, or a polyester, each with a Tg of greater than 60°C.

18. The color set of claim 1 further comprising a film forming polymer resin.

19. The color set of claim 18 wherein the film forming polymer resin is a polyester, a polyurethane or a polyacrylic.

20. The color set of claim 18 wherein the film forming polymer resin is a sulfonated polyester ionomer.

21. The color set of claim 1 imagewise disposed on a receiver.